

REMARKS

This responds to the Office Action mailed on February 27, 2006.

Claims 1-9, 13, 15-16, 18-19, 22-24, and 26-30 have been amended, no claims have been canceled, and no claims have been added; as a result, claims 1-30 are still pending in this application.

Allowable Subject Matter

Claims 9, 15, 19, 24, 29, and 30 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The base claim of original claim 9 was independent claim 1. Claim 1 has been amended herein to include the limitations of original claim 9 and all intervening claims. It is submitted that amended claim 1 is in form for allowance and allowance thereof is respectfully requested.

The base claim of original claim 15 was independent claim 13. Claim 13 has been amended herein to include the limitations of original claim 15. It is submitted that amended claim 13 is in form for allowance and allowance thereof is respectfully requested.

The base claim of original claim 19 was independent claim 18. Claim 18 has been amended herein to include the limitations of original claim 19. It is submitted that amended claim 18 is in form for allowance and allowance thereof is respectfully requested.

The base claim of original claim 24 was independent claim 22. Claim 22 has been amended herein to include the limitations of original claim 24 (although “two LNAs” was changed to “two or more LNAs” and “two output switches” was changed to “two or more output switches”). It is submitted that amended claim 22 is in form for allowance and allowance thereof is respectfully requested.

The base claim of original claim 30 was independent claim 26. Claim 26 has been amended herein to include the limitations of original claim 30. It should be noted that the entire claim set associated with independent claim 26 has been amended to change the way the various components are identified. These amendments have been made solely to increase the clarity of these claims and not to overcome any prior art or any other patentability related requirement. It

is submitted that amended claim 26 is in form for allowance and allowance thereof is respectfully requested.

Claims 2-12, claims 14-17, claims 19-21, claims 23-25, and claims 27-30 are dependent claims that depend either directly or indirectly from base claims 1, 13, 18, 22, and 26, respectively. Consequently, these claims are allowable for at least the same reasons as their corresponding base claim. In addition, these claims provide further bases for patentability.

In the Office Action mailed on February 27, 2006, the Examiner presented various rejections based on prior art. The Applicant respectfully traverses these rejections. However, to expedite prosecution and allowance, the Applicant has decided to rewrite the claims as described above based on the subject matter identified by the Examiner as being allowable. Applicant reserves the right to pursue all previous claims in this or a future application. Applicant also reserves the right to swear behind all 35 U.S.C. §102(e) references relied upon in rejections herein.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 10/682,589

Filing Date: October 9, 2003

Title: METHOD AND APPARATUS TO PROVIDE AN AREA EFFICIENT ANTENNA DIVERSITY RECEIVER

Assignee: Intel Corporation

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Dkt: 1000-0020 (INTEL)

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (480-948-3745) to facilitate prosecution of this application.

Respectfully submitted,

MOHAMED ARAFA

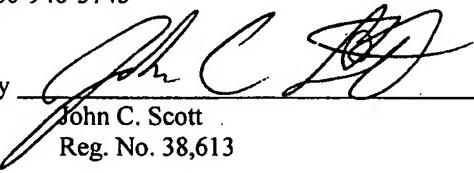
By their Representatives,

Customer Number 45643
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480-948-3745

Date

9/25/06

By


John C. Scott
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 30 day of April, 2006.

MEREDITH MESCHER

Name



Signature